

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

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AIR FORCE PLANT PJKS, SYSTEMS INTEGRATION
LABORATORY, SYSTEMS INTEGRATION LABORATORY
BUILDING

HAER No. CO-88-B

(Air Force Plant PJKS, Systems Integration Laboratory,
Building T-28)

Waterton Canyon Road and Colorado Highway 121

Lakewood Vicinity

Jefferson County

Colorado

Documentation: 12 exterior photographs (1999)
4 data pages (1999)

Lisa Lynch, Photographer, February 15-19, 1999

- CO-88-B-1 Exterior view of Systems Integration Laboratory Building (T-28), looking northeast. The taller of the two gantries on the left houses Test Cell 6 (fuel), while the shorter gantry on the right houses Test Cell 7 (oxidizer). This structure serves as the functional center of the Systems Integration Laboratory complex for testing, handling, and storage of the Titan II's hydrazine- and nitrogen tetroxide-based fuel system propellants.
- CO-88-B-2 Exterior view of Systems Integration Laboratory Building (T-28), looking southwest. The low-lying concrete Signal Transfer Building (T-28A) is located in the immediate foreground.
- CO-88-B-3 Exterior view of Systems Integration Laboratory Building (T-28), looking southeast.
- CO-88-B-4 Exterior view of Systems Integration Laboratory Building (T-28), looking northwest.
- CO-88-B-5 Exterior view, enclosure at walk-in entry level between Test Cell 6 (right) and Test Cell 7 (left), Systems Integration Laboratory Building (T-28), looking southwest. High pressure gas tank and generator test firings are conducted in the enclosure.
- CO-88-B-6 Exterior view, showing structural details and instrumentation at the walk-in entry level (bottom) of Test Cell 6, Systems Integration Laboratory Building (T-28), looking southwest.
- CO-88-B-7 Exterior view, showing instrumentation and gauge panel at the walk-in entry level (bottom) of Test Cell 6, Systems Integration Laboratory Building (T-28), looking west.

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- CO-88-B-8 Exterior view, showing tank and associated piping adjacent to Test Cell 6, Systems Integration Laboratory Building (T-28), looking south.
- CO-88-B-9 Exterior view, Test Cell 7, Systems Integration Laboratory Building (T-28), looking southwest. The enclosure discussed in CO-88-B-8 is at the right.
- CO-88-B-10 Exterior view, showing the structural details and tanks above at walk-in entry level (bottom) of Test Cell 7, Systems Integration Laboratory Building (T-28), looking west.
- CO-88-B-11 Exterior view, showing instrumentation and gauge panel at walk-in entry level (bottom) of Test Cell 7, Systems Integration Laboratory Building (T-28), looking west. Metal stair at left leads to working platform levels surrounding test cell.
- CO-88-B-12 Exterior view, showing tank and piping associated with Test Cell 7, Systems Integration Laboratory Building (T-28), looking west.